

ABSTRACT OF THE DISCLOSURE**MULTI-DIRECTIONAL CARTRIDGE MEMORY ANTENNA DESIGNS**

5 A method and system for transmitting tape cartridge
information using a bi-axial tape cartridge antenna
design. A contactless tape cartridge memory device is
provided in which the memory device is accessible from
multiple surfaces of the cartridge. A single flexible
10 antenna surrounds the tape cartridge memory device. The
antenna may be bent to fit within the corner of the tape
cartridge, thus providing a parallel antenna surface to
two locations on the cartridge, such as the front of the
cartridge and the side or bottom of the cartridge. As a
15 result, the memory device in the tape cartridge may be
read when the cartridge is being inserted into the tape
drive as well as while the cartridge is stored within the
tape drive.